

[Title of the invention] COLOR LIQUID CRYSTAL DISPLAY DEVICE

[What is claimed is]

5 [Claim 1]

A liquid crystal display device comprising:

a liquid crystal display element composed of:

a liquid crystal layer interposed between a pair of transparent substrates;

10 an electric field applying means for controlling orientating direction of the liquid crystal layer; and

an absorption type polarized light selection means arranged on one of the pair of transparent substrates at light projecting side ; and

15 an illumination device arranged at rear side of the liquid crystal display element: wherein

a light diffusion means is arranged on one of the pair of transparent substrates at light projecting side ;

20 a reflection type color selection means and a reflective polarizing selection means are arranged on one of the pair of transparent substrates at light incident side; and

the illumination device provided with a reflecting means for reflecting reflected light from the reflection type color selection means and the reflection type polarizing means by projecting highly collimated light is arranged at the back plane of the liquid crystal display element.

25 [Claim 2]

A liquid crystal display device comprising:

a liquid crystal display element composed of:

a liquid crystal layer interposed between a pair of transparent substrates;